



00000000
Fig. 1A

FIG. 1A

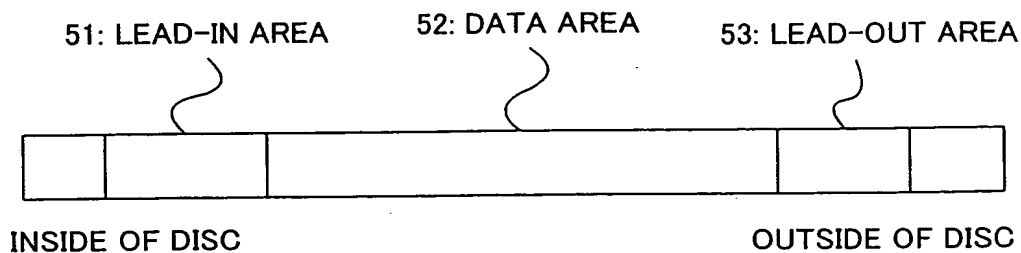


FIG. 1B

51: LEAD-IN
AREA

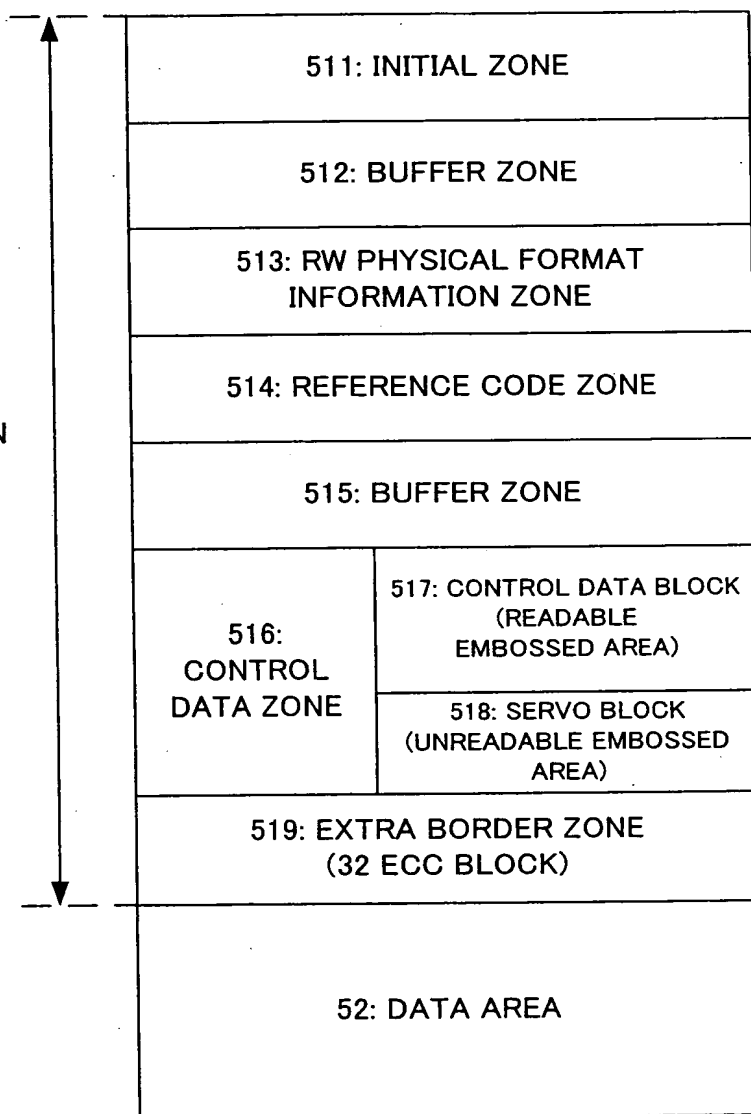


FIG. 2

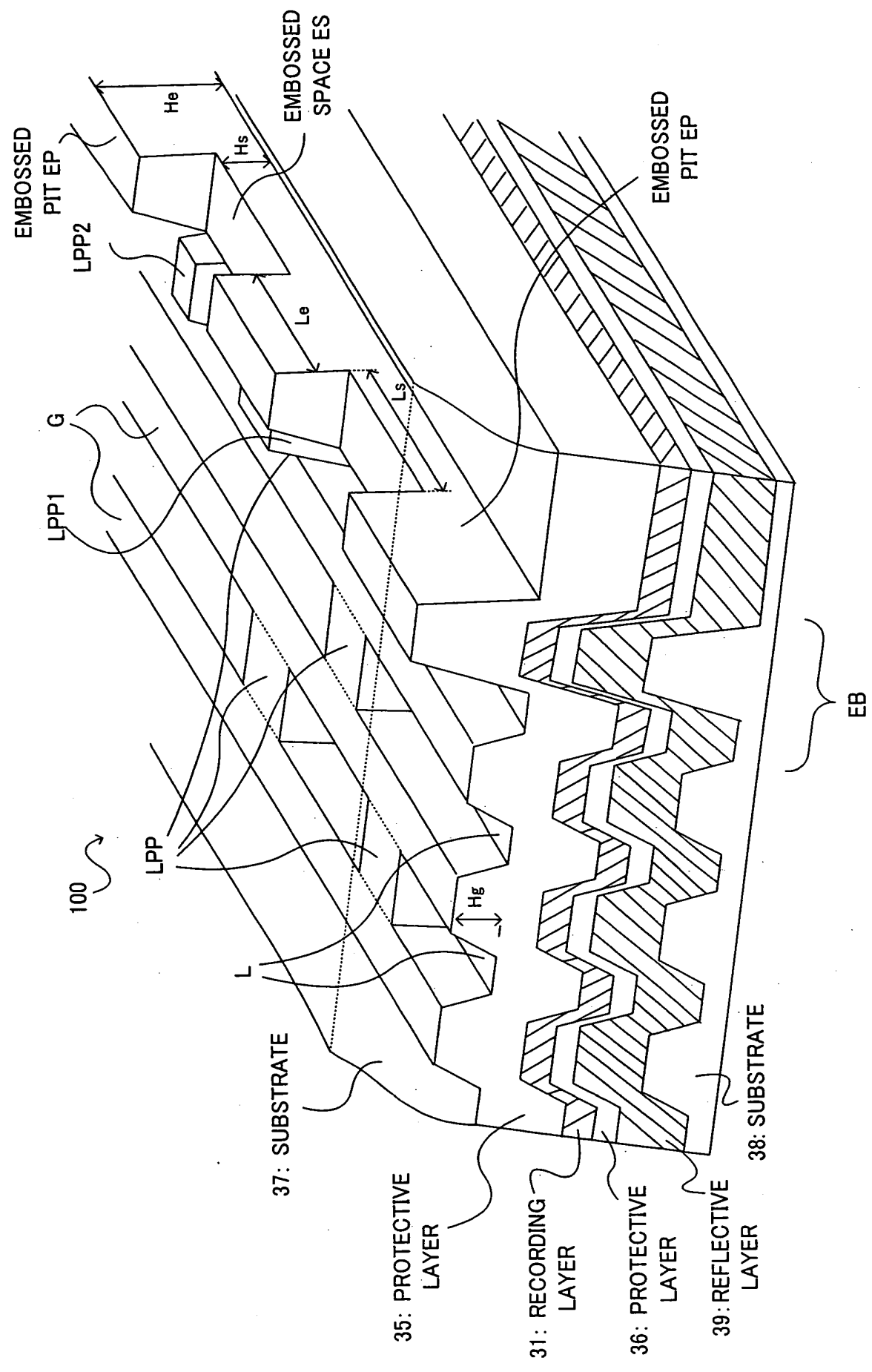


FIG. 3

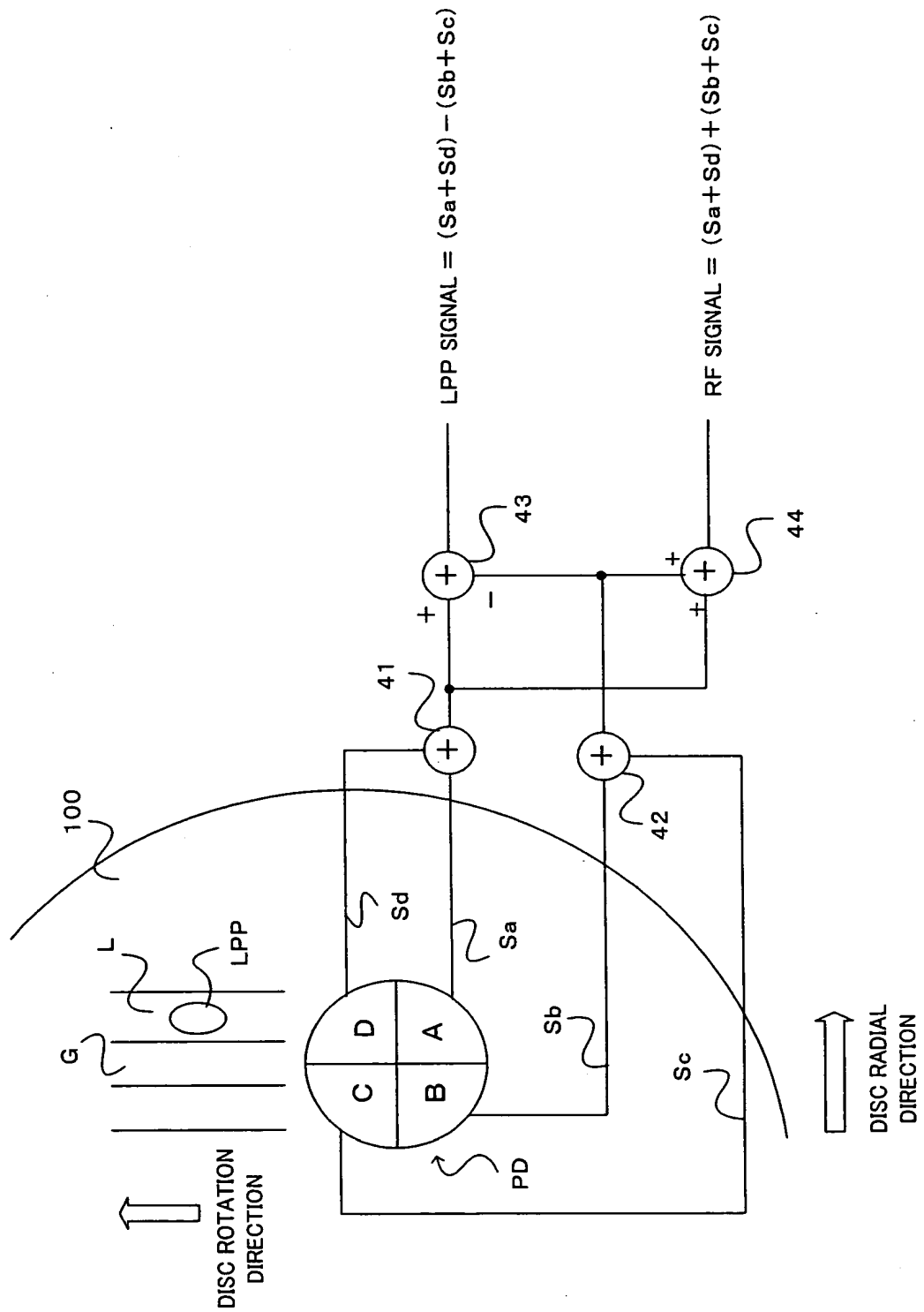


FIG. 4A

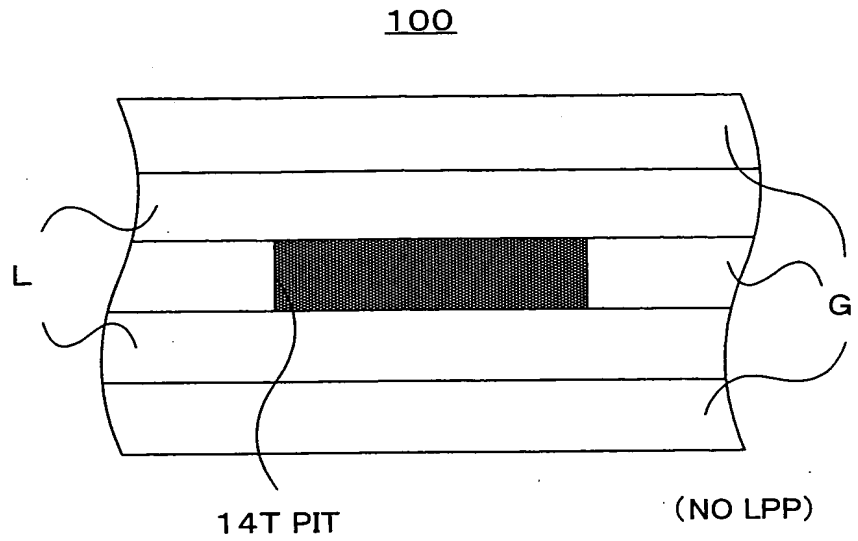


FIG. 4B

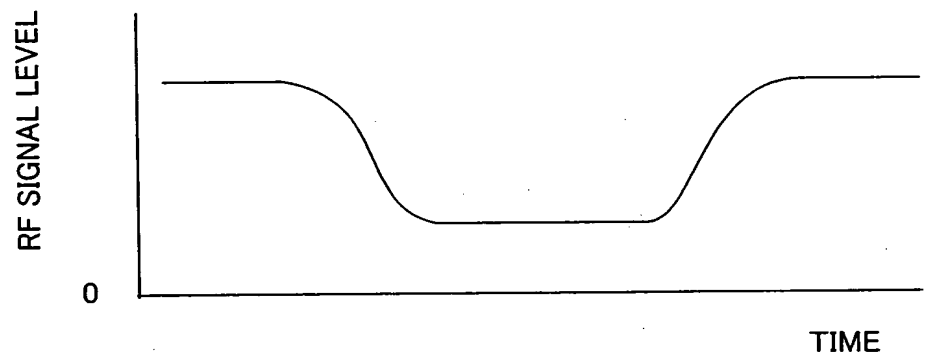


FIG. 4C

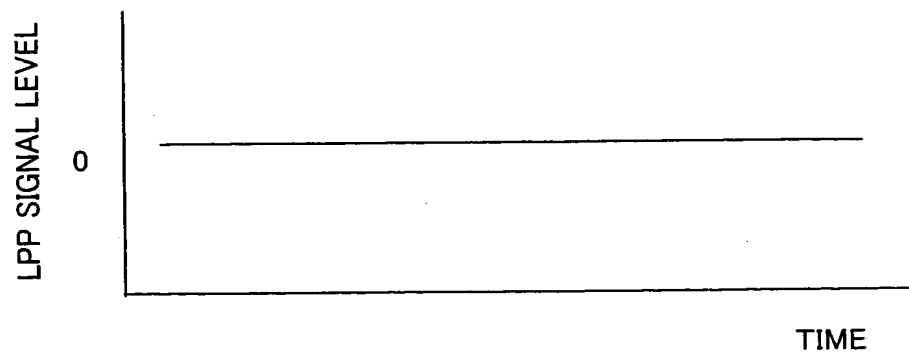


FIG. 5A

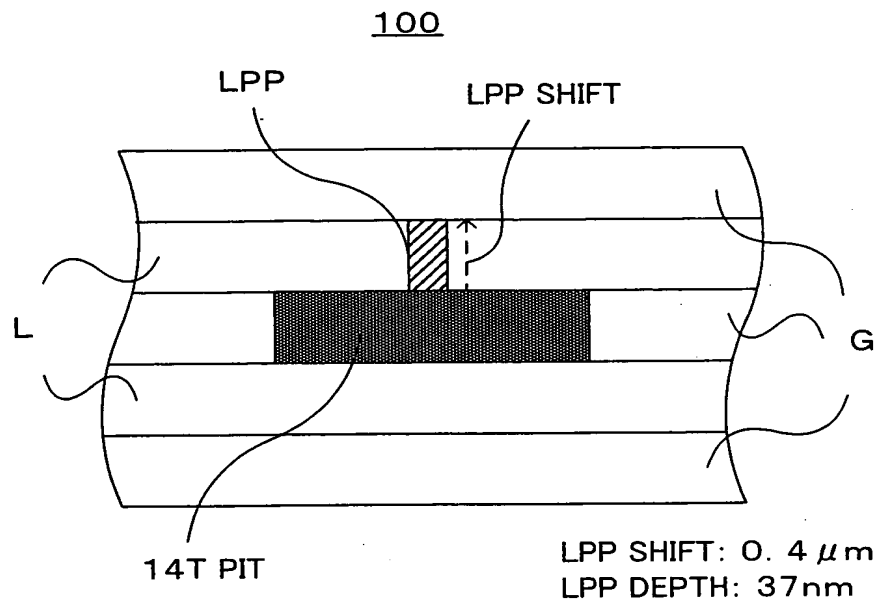


FIG. 5B

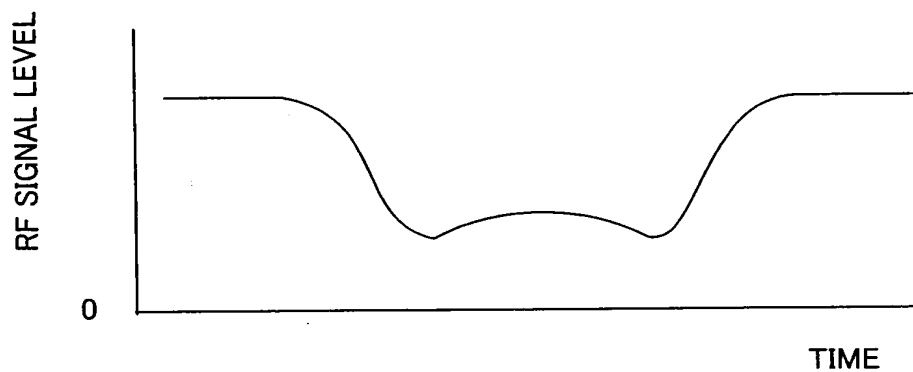


FIG. 5C

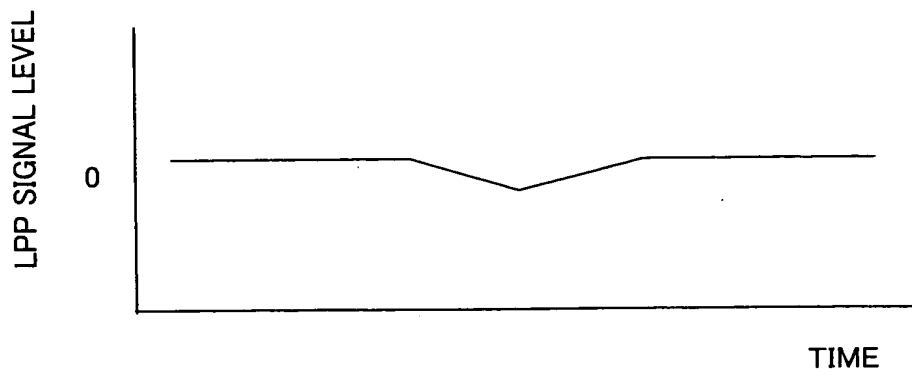


FIG. 6A

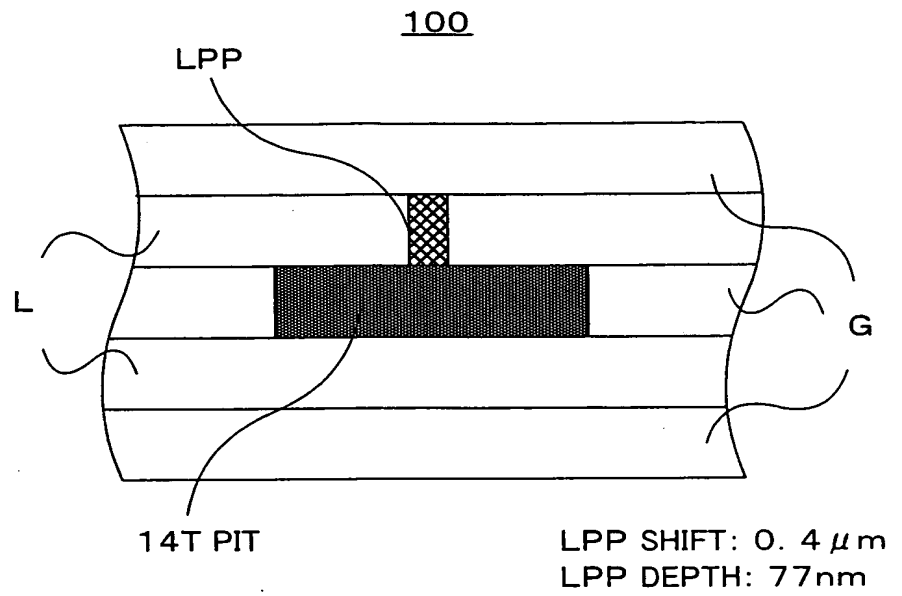


FIG. 6B

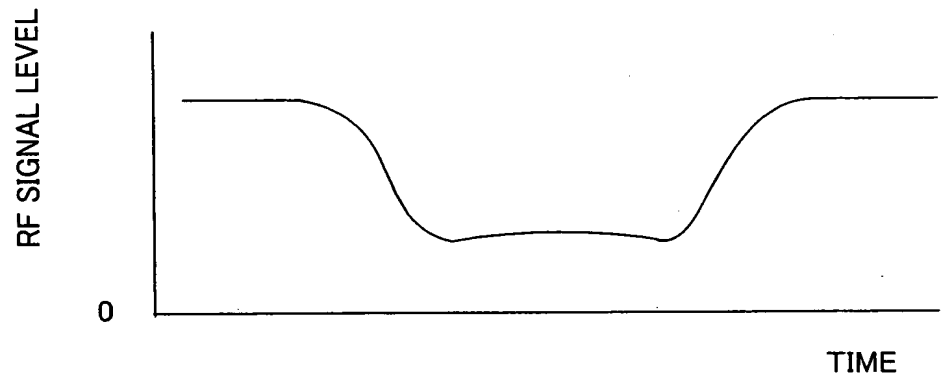


FIG. 6C

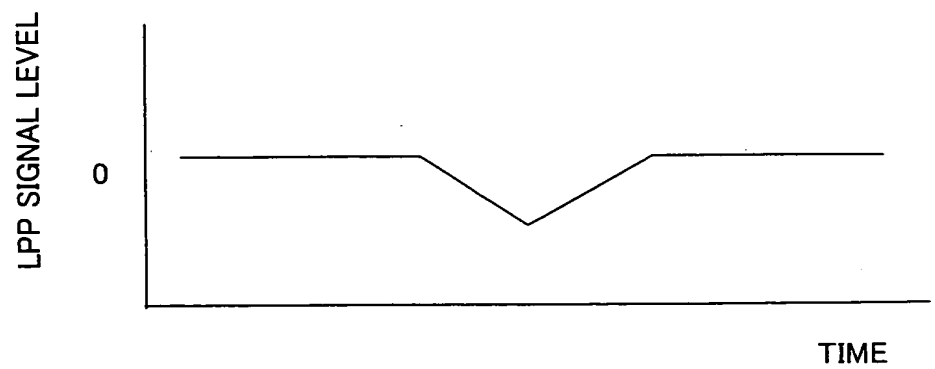


FIG. 7A

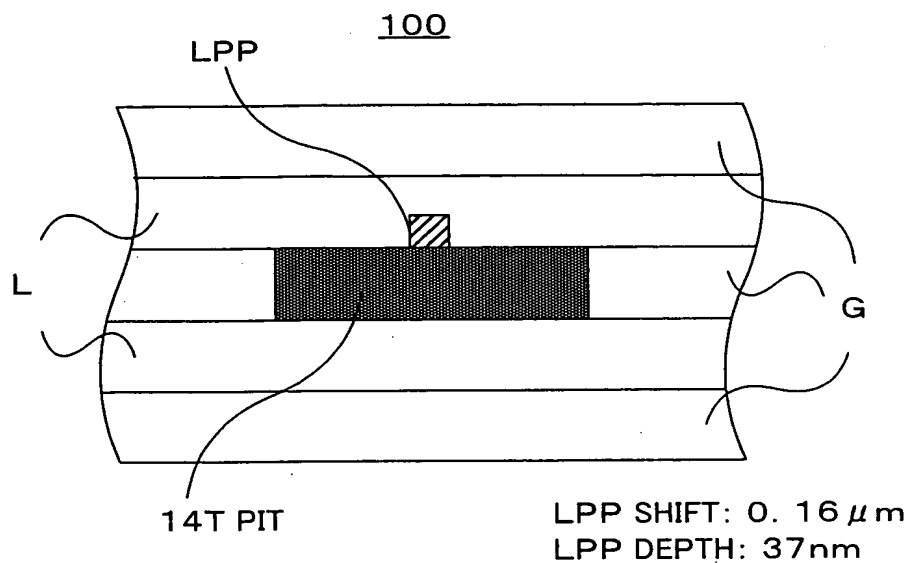


FIG. 7B

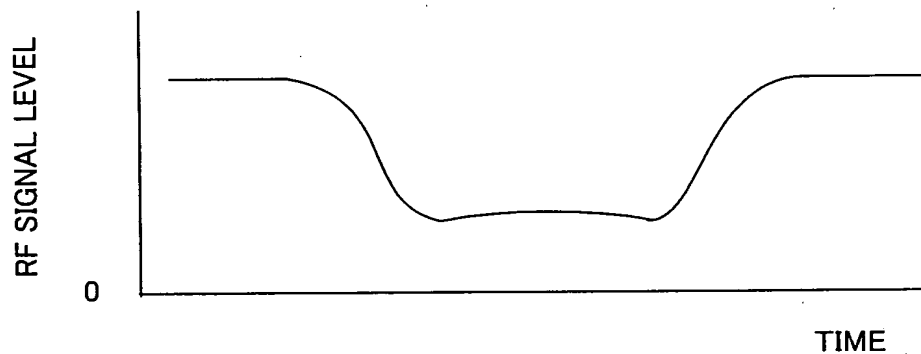


FIG. 7C

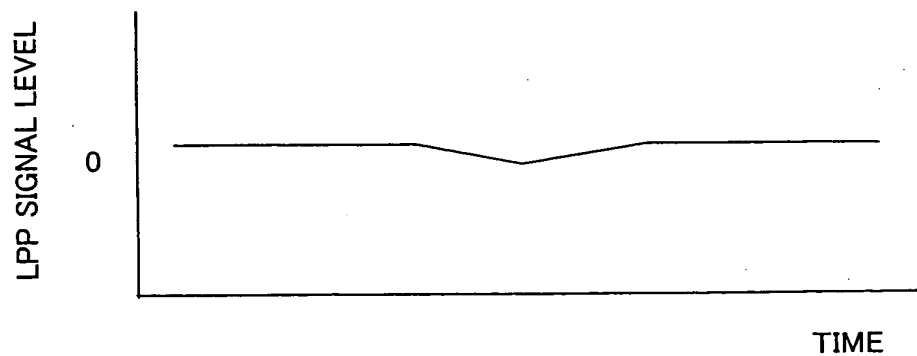


FIG. 8A

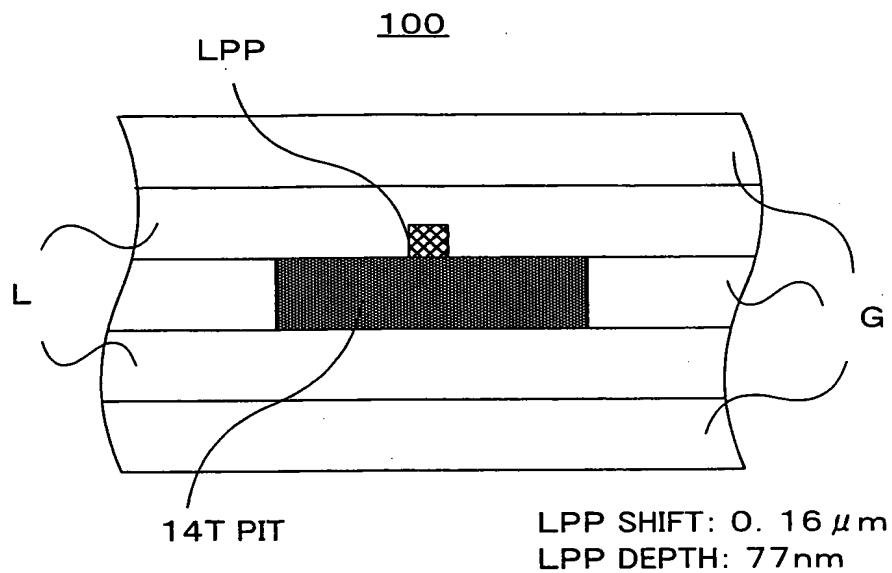


FIG. 8B

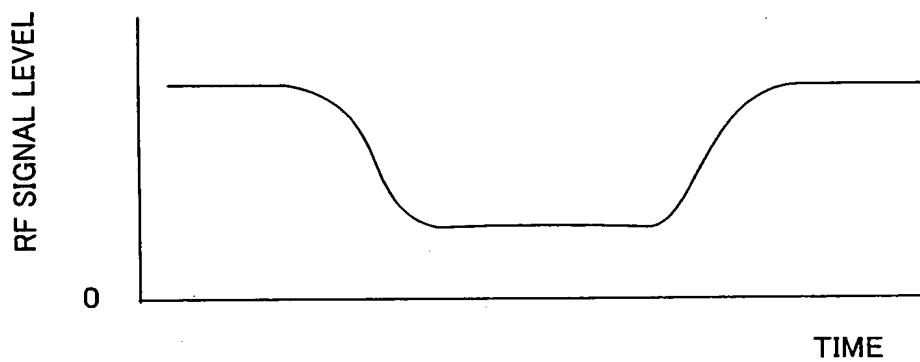


FIG. 8C

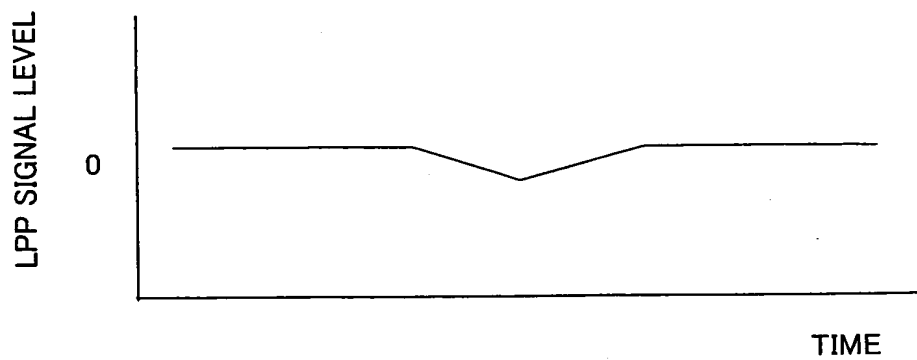


FIG. 9

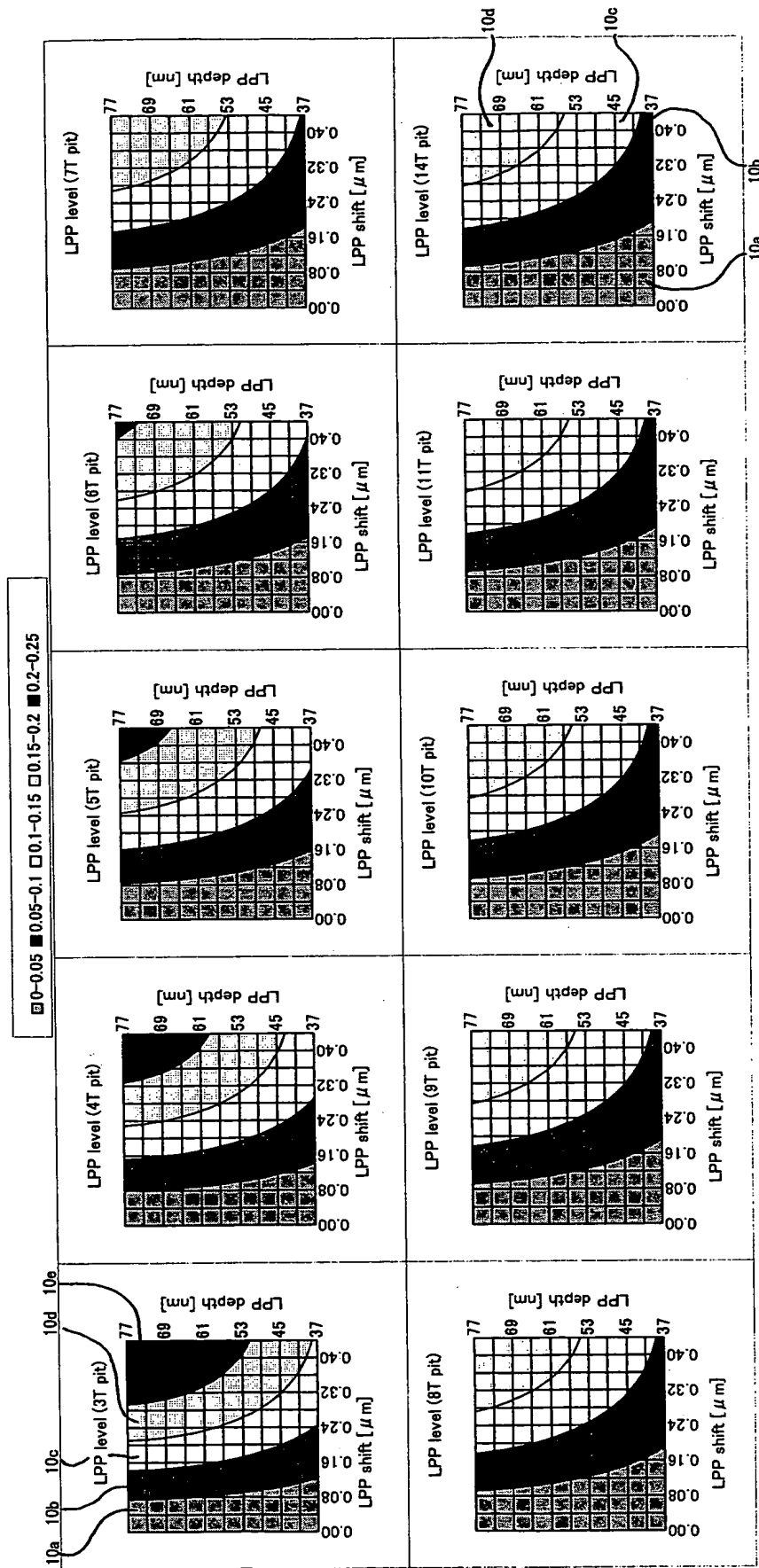
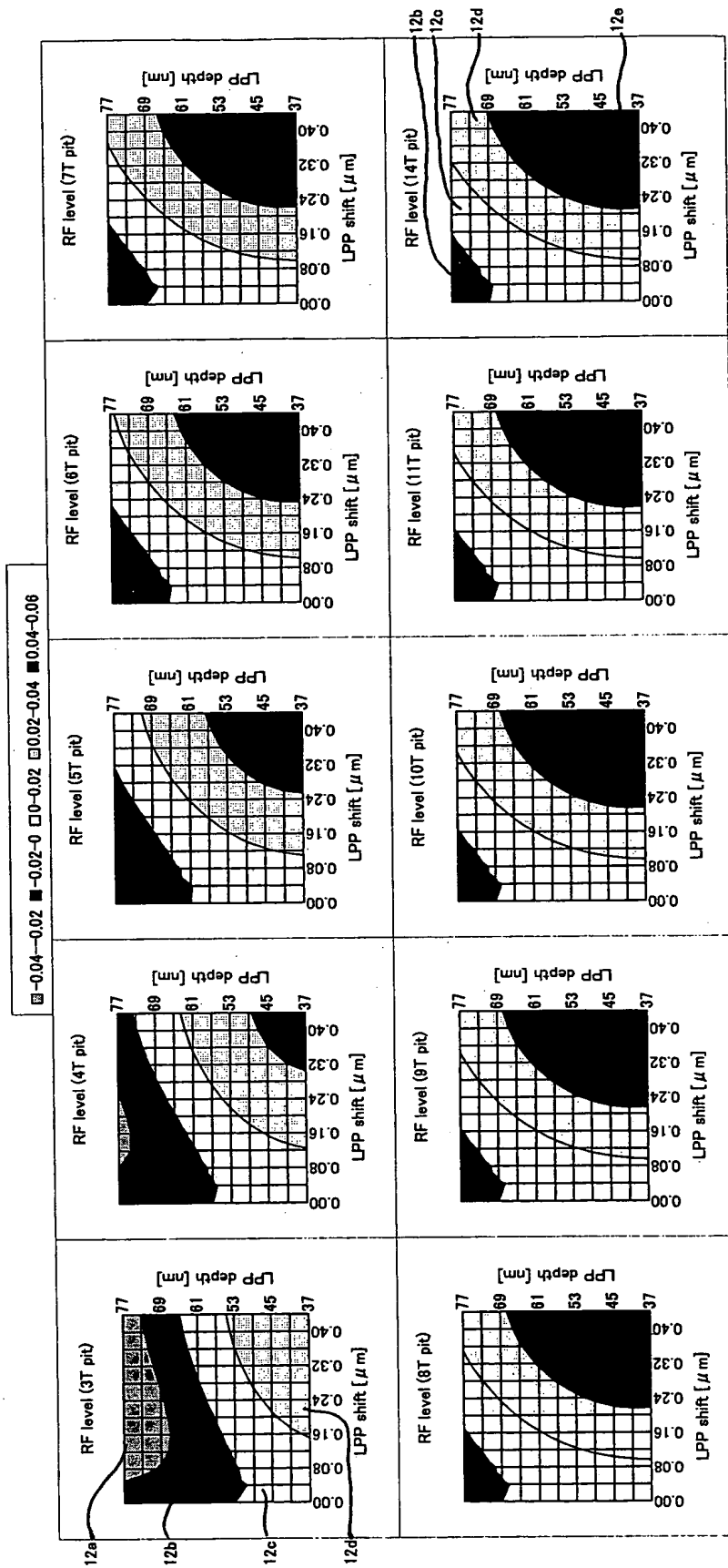


FIG. 10



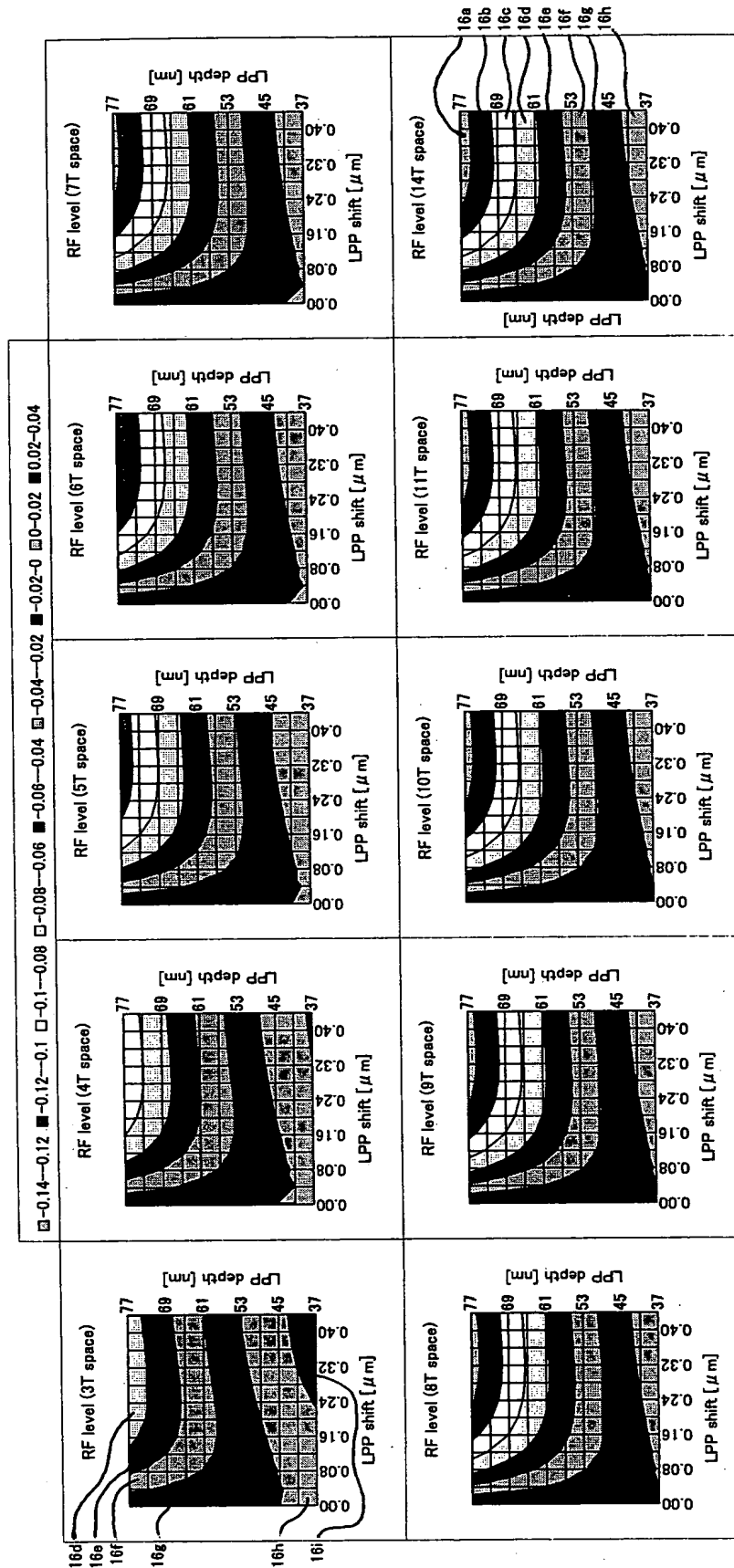
(RANGE OF EACH AREA)

12a: -0.04 ~ -0.02 12d: 0.02 ~ 0.04
 12b: -0.02 ~ 0 12e: 0.04 ~ 0.06
 12c: 0 ~ 0.02

Figure 1 consists of 16 graphs arranged in a 4x4 grid. The columns represent LPP levels (4T, 5T, 6T, 7T) and the rows represent LPP depths (3T, 4T, 5T, 6T). Each graph plots LPP shift in micrometers (0.00 to 0.40) against LPP depth in nanometers (37, 45, 53, 61, 69, 77). A legend at the top indicates five LPP shift ranges: 0-0.05, 0.05-0.1, 0.1-0.15, 0.15-0.2, and 0.2-0.25, represented by different patterns. The graphs show that as LPP depth increases, the LPP shift also increases, and the relationship is more pronounced at higher LPP levels.

14a: 0 - 0.05
14b: 0.05 - 0.1
14c: 0.1 - 0.15
14d: 0.15 - 0.2
14e: 0.2 - 0.25
14f: 0.25 - 0.3
14g: 0.3 - 0.35

FIG. 12



(RANGE OF EACH AREA)

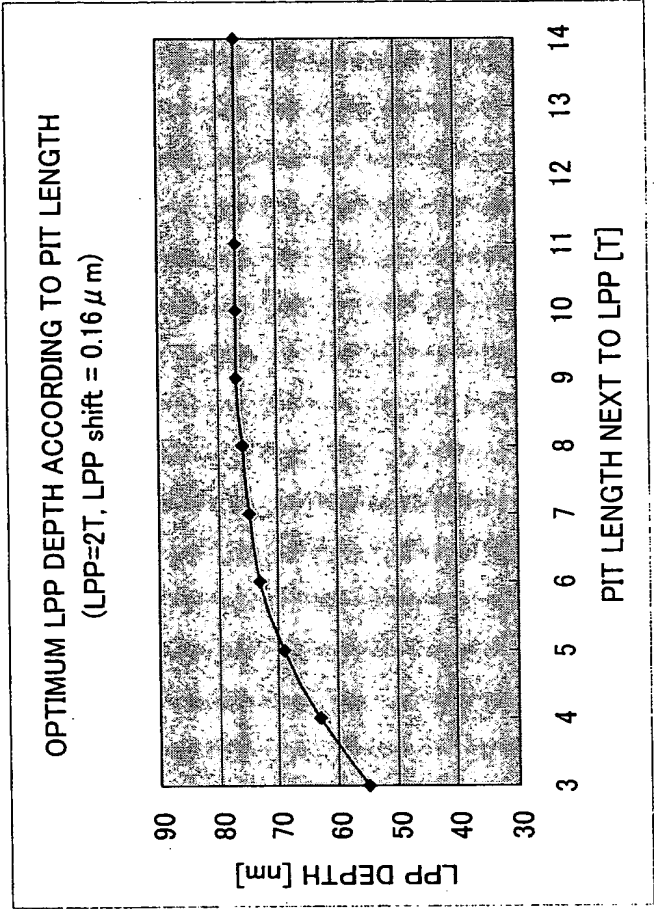
- 16a: -0.14 - -0.12 16f: -0.04 - -0.02
- 16b: -0.12 - -0.1 16g: -0.02 - 0
- 16c: -0.1 - -0.08 16h: 0 - 0.02
- 16d: -0.08 - -0.06 16i: 0.02 - 0.04
- 16e: -0.06 - -0.04

FIG. 13A

(IN CASE THAT LPP IS LOCATED NEXT TO PIT)

	Pit length [T]													
	3	4	5	6	7	8	9	10	11	14				
LPP shift [μ m]	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16				
LPP depth [nm]	55	63	69	73	75	76	77	77	77	77				
Distortion on RF	0	0	0	0	0	0	0	0	0	0				
LPP level	0.096	0.095	0.094	0.092	0.091	0.090	0.090	0.090	0.090	0.090				

FIG. 13B



(IN CASE THAT LPP IS LOCATED NEXT TO SPACE)

	Space length [T]											
	3	4	5	6	7	8	9	10	11	14		
LPP shift [μ m]	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16		
LPP depth [nm]	47	44	42	40	39	39	39	39	39	39		
Distortion on RF	0	0	0	0	0	0	0	0	0	0		
LPP level	0.095	0.099	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100		

FIG. 14A

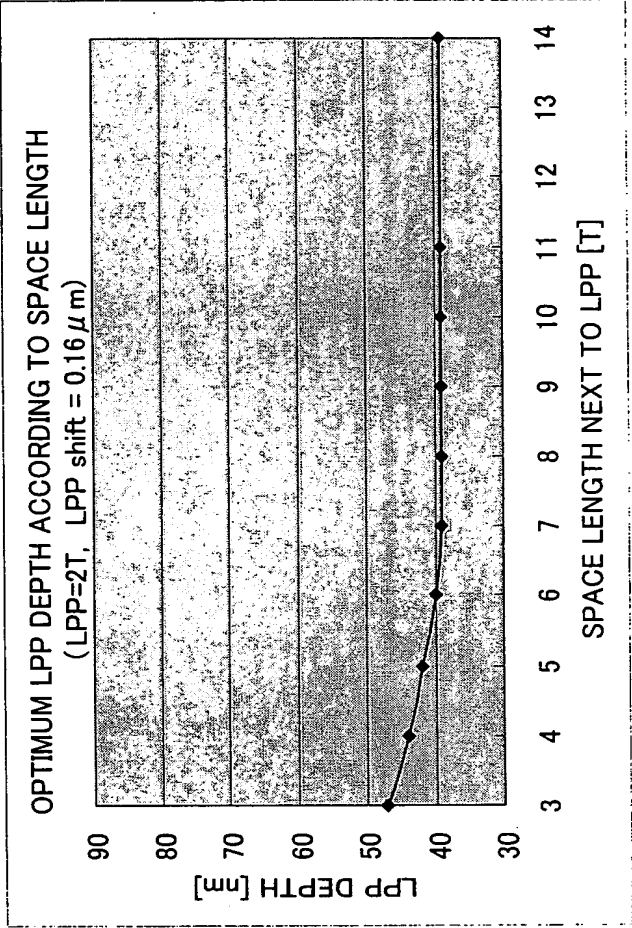


FIG. 14B